

PATENT
Serial No. 10/077,062
Amendment in Reply to Final Office Action of June 28, 2005

REMARKS

Reconsideration of the present application is respectfully requested.

In the Final Office Action, claims 1-3, 5-7, 9-14 and 16-18 were rejected under 35 U.S.C. §103(a) as being unpatentable over U.S. 6,760,020 (Uchiyama) in view of U.S. 5,714,997 (Anderson). Applicants respectfully traverse these rejections and submit that claims 1-3, 5-7, 9-14 and 16-18 are patentable over Uchiyama and Anderson for at least the following reasons.

Uchiyama is directed to an image processing apparatus for displaying 3-dimensional image. As noted by the Examiner on page 3, lines 2-3 of the Office Action, Uchiyama does not teach "the use of a single control means for controlling two stereoscopic parameters." Anderson is cited in an attempt to remedy this deficiency in Uchiyama.

Anderson is directed to a virtual reality television system that includes position/orientation input devices 302 shown in FIG 5, which is part of a rendering subsystem 30 (column 10, line 38). It should be noted that devices 302 is plural, indicating more than

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a single device. Anderson goes on to refer to position/orientation input devices 302 in the plural throughout, such as column 35, line 50, column 36, lines 20-21. Anderson teaches in column 35, lines 50-60, that the position/orientation input devices 302 allow the viewer to move in various directions, and to rotate his or her orientation. However, there is no teaching or suggestion of "user control means being a single control" as recited in independent claim 1, and similarly recited independent claim 13.

Anderson teaches in column 35, line 66 to column 36, line 14, that the position/orientation input devices 302 include a joystick 5005 and a head mounted unit 5004. Anderson specifically recites on column 36, lines 2-9:

Using the joystick 5005, the viewer controls his or her left/right and forward/backward velocities ... by moving the joystick 5005 left/right and forward/backward, and her or his up/down velocity ... by pushing/pulling the joystick in its radial direction. Wearing the head mounted unit 5004, the user controls his or her apparent orientation in the live action space by appropriate head movements ... (emphasis added).

In addition to using two different devices (namely, the joystick 5005 and the head mounted unit 5004) to control two different parameters, (namely, velocity and orientation), it should

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be noted that the control of left/right and forward/backward velocities by the joystick 5005 cannot be deemed to control more than one parameter. It is respectfully submitted that the joystick 5005 controls a single parameter, namely, velocity.

Uchiyama and Anderson do not teach or suggest "user control means being a single control" as recited in independent claim 1, and similarly recited independent claim 13. Accordingly, it is respectfully submitted that independent claims 1 and 13 should be allowable, and allowance thereof is respectfully requested. In addition, it is respectfully submitted that claims 2-3, 5-7, 9-12, 14 and 16-18 should also be allowed at least based on dependence from independent claims 1 and 13, as well as for the separately patentable elements contained in each of the dependent claims.

In addition, Applicants deny any statement, position or averment of the Examiner that is not specifically addressed by the foregoing argument and response. Applicants reserve the right to submit further arguments in support of the above stated position as well as the right to introduce relevant secondary considerations including long-felt but unresolved needs in the industry, failed

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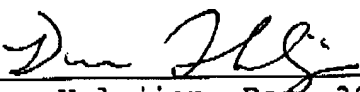
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attempts by others to invent the invention, and the like, should that become necessary.

In view of the above, it is respectfully submitted that the present application is in condition for allowance, and a Notice of Allowance is earnestly solicited.

Respectfully submitted,

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